ABSTRACT

Securely storing a public key for
encryption of data in a computing device by using a
user-specific key pair which is securely stored in
5   the computing device, including receiving a target
public key corresponding to a target device,
obtaining a user-specific key pair from a secure
registry, using a user-specific private key from the
user-specific key pair to create a target key
10   verifier based on the target public key, storing the
target key verifier and the target public key in a
storage area, retrieving the target key verifier and
the target public key from the storage area,
applying a user-specific public key from the user-
15   specific key pair to the target key verifier for
verifying the authenticity of the target public key,
and encrypting data with the target public key, in
the case that the authenticity of the target public
key is verified, thereby creating encrypted data for
20   transmission to the target device.